

Transfer Training: Caregiver Education Course Proposal Summary

Bringing back to the table, a bigger and better plan to finally begin educating aids and caregivers the proper techniques on how to safely transfer patients.

Refresher of the program: When a person transitions from the hospital to home after experiencing a neurotrauma injury, they often have unique physical and cognitive impairments that impede their ability to function normally. They need help with every aspect of their care and are completely dependent on their caregivers. To avoid injury, it is imperative that caregivers must know how to transfer someone with a neurotrauma injury safely. Because of these unique challenges, patients and/or their families often are forced to do things themselves the best way they know how, or hire outside help.

Problem: Unfortunately, we have come to find out, that not all of the aids hired from agencies are well versed on transfers.

- 1) This creates an unsafe situation for both caregiver and person with the disability.
- 2) Often time services are denied simply because of a lack of education.

Our aim is to create a course that will train caregivers who are employed by organizations as well as family members and caregivers from the community. This would help reduce the number of falls in the home, as well as reduce employee injuries and work man's compensation claims.

The course:

- 1) The course will be designed and taught by Sergio Florian DPT. Sergio is the owner and operator of Wellness Neuro and SCI. He has been working with neurotrauma cases for 12 years and has run his own business for 7 years.

2) The course will be established and run from the Wellness Neuro and SCI facility at St. Francis Liliha and the goal is to provide an intimate learning environment with 4-6 attendees per class 2 x a month at the clinic.

3) The plan is to “go mobile” by the 3rd month (quarterly mobile class). We will be able to go to skilled nursing facilities, home care agencies, hospitals, adult day care centers, and the like to certify the staff. We will train about 8-12 nurses per class using 2 instructors. Mobile classes will come with two instructors which will allow for twice as many participants. (Basically, we are doubling the normal class size of 1 instructor/4-6 participants.)

4) The course will consist of a lecture, power point presentation, hands-on practice, and testing. Each person will have to pass a written and a practical test to be “lift safe” certified. The facility will have all the props needed for learning the transfers and testing.

5) Classes will be advertised to the community and to health care agencies. A website link will also be established to inform potential attendees.

6) Following the first year we hope to establish ourselves as the “go to” transfer training center for caregivers in the state. Once the course is established we are looking to grow and take this concept to the outer islands and also hope offer continuing education credits for health care practitioners.

7) After the completion of the first year, we will provide a final report that will come with statistics and outcomes.

Transfer Training Program Outline

1st hour:

Introduction

Pre-test

Show PowerPoint Presentation

Lecture: Topics 1) Importance of Injury Prevention

2) Anatomy of body

3) Biomechanics

4) Diagnoses and adjustments necessary for transferer pertaining to patient's individual needs.

5) Types of transfers

Quiz of lecture to ensure competency before hands on transferring.

2nd hour:

Physical Demonstration of transfer

1) Positioning of self (stance)- squat, position of feet and knees

2) Positioning of patient

3) Position of wheelchair in proximity to destination- bed/chair etc..

4) Transfers are done using the legs and not the back.

5) Transfers are not about strength but rather body mechanics.

6) Look in the direction of transfer destination

7) Hand placement

8) Pendulum analogy- transferer's weight counteracts with the weight of the patient.

9) Rocking motion and transfer in one motion with the momentum.

Hands on transferring with partner/dummy/patient

3rd hour:

Break-15minutes

(Resume at 2hr 15minutes)

More hands on transferring with partner/dummy/patient

4th hour:

Critique of individual's performance

Post-test

Additional practice time if needed.

Transfer Training: Caregiver Education Course

General Budget

Staff time for class development. Time includes 6hrs for PT and 2hrs for PTA.	\$880
Staff Time to hold class (1 PT and 1PTA). One mobile class quarterly (4mobile class total) and two classes/month at clinic on non-quarterly months (16 clinic classes).	\$9,600
Mobile Class Cost: Transportation/Setup/Breakdown (\$230/class x 4)	\$920
Facility Lease Cost Share and Storage Cost	\$1,800
Equipment: Instructional pamphlets, Mannequin, Wheelchair, Slideboard, Projector and Screen	\$2,900
Marketing, Advertising, Website, Legal waiver creation	\$2,925
Total Expense for1 year:	\$19,025

Project Head, Neck, Spine Update
NTAB Meeting on 12/13/19

Six schools utilizing curriculum:

- Five high school and three middle schools
- Four on Oahu
 - 3 Honolulu (Middle N = 248; High N = 129)
 - 1 West Oahu – 2 teachers (High = 131)
- Three on Maui (Middle N = 114; High N=110)
 - 15 students from Maui high schools are new this year and have only taken pre-test so excluded from count.
- One on Kauai (High N = 12)

Data:

- 9 instructors (**two instructors used/using it for the second time)
- Total students N = 744
 - Average summary score of 82.3%
 - 531 completed module 4 (half-way) - Average summary score: 84.5%
 - 390 complete - Average summary score: 87.0%
- Pre- and Post-test data
 - Pre-test average of 59.2%
 - Post-test average of 76.89%
- Module average scores
 - All above 80%, except for Module 2 (74%) which is a bit more technical (i.e. parts of brain)

Miscellaneous:

- Schools of the Future Conference Exhibitor – 18 new sign-ups
- Story book narrative for lower elementary almost complete

Hawaii Neurotrauma Registry Project

Activities Report

This report includes only August – November 2019. March – September 2019 are not shown.

	Registry New Enrollees (total)	Oahu	Hawaii	Maui County	Kauai	Outreach Activities	General	Educational Presentations	
Aug-19	58	17	0	26	10	18	6	1	Aug-19
Sept-19	37	7	20	7	1	21	5	0	Sept-19
Oct-19	38	6	12	11	9	11	4	1	Oct-19
Nov-19	31	7	14	6	0	10	3	1	Nov-19
TOTAL	200	62	48	56	20	99	37	14	TOTAL
Annual Target	300	200	50	25	25	240	168	72	Annual Target
# needed to meet target	100	138	2	-31	5	141	131	58	# needed to meet target

NOTE: A few people who took the survey are from out of state and their locations are not included in the table.

Hawaii Neurotrauma Registry Project

Information and Referral Report

March 20, 2019 – April 19, 2020

This report shows only August – November 2019. March – July 2019 are not shown.

	Initial Contacts					Outcomes			6 month follow-ups		12 month follow-ups	
	# of I&R rec'd	Contact in 14 days	Contact after 14 days	No contact made	In Process	Took survey	Req'd res	Dec. assist	Number of 6 month follow-ups	Number contacted	Number of 12 month follow-ups	Number contacted
Aug-19	29	19	0	0	0	14	1	1	8	7	31	6
Sept-19	19	19	0	0	0	12	7	2	2	1	28	3
Oct-19	19	4	0	15	0	5	3	1	17	8	69	24
Nov-19	22	9	1	12	0	7	6	4	6	1	14	5
TOT-AL	130	48	4	27	0	47	24	18	33	17	142	47